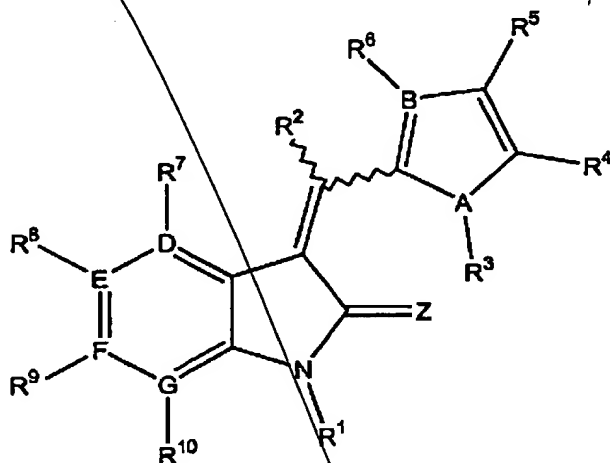


1. (Four times amended) An azaindole compound having the following chemical structure:



wherein,

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R<sup>3</sup> does not exist and there is no bond;

B, D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when B, D, E, F or G is nitrogen, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup>, respectively, do not exist and there is no bond;

Z is selected from the group consisting of oxygen, sulfur and NR<sup>11</sup> wherein, R<sup>11</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, -C(=O)-R'', -C(=O)O-R'', R''C(=O)O-, -S(=O)<sub>2</sub>R'', -C(=O)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>R<sup>13</sup>NC(=N)-, and trihalomethanesulfonyl;

R<sup>1</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, trihalomethanesulfonyl, -C(=O)O-R'', R''C(=O)O-, -S(=O)<sub>2</sub>R'', -C(=O)NR<sup>12</sup>R<sup>13</sup>, and R<sup>12</sup>R<sup>13</sup>NC(=N)-;

R<sup>2</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen;

when A is nitrogen, R<sup>3</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, -C(=O)-R'', -C(=O)O-R'', trihalomethanesulfonyl, R''C(=O)O-, -S(=O)<sub>2</sub>R'', -C(=O)NR<sup>12</sup>R<sup>13</sup>, and R<sup>12</sup>R<sup>13</sup>NC(=N)-;

R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, -R<sup>12</sup>NC(=N)NR<sup>13</sup>R<sup>14</sup>, thioaryloxy, -S(=O)R'', -S(=O)<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>S(=O)<sub>2</sub>NR<sup>13</sup>-, trihalomethanesulfonyl, -C(=O)-R'', -C(=O)O-R'', R''C(=O)O-, -S(=O)<sub>2</sub>R'', -C(=O)NR<sup>12</sup>R<sup>13</sup>, cyano, nitro, halo, amino, -OC(=O)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>OC(=O)NR<sup>13</sup>-, -OC(=S)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>OC(=S)NR<sup>13</sup>-, R<sup>12</sup>R<sup>13</sup>NC(=N)-, -NR<sup>12</sup>C(=O)R<sup>13</sup>R<sup>14</sup>, R<sup>12</sup>C(=O)NR<sup>13</sup>-, and -NR<sup>12</sup>R<sup>13</sup>;

wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon);

and wherein R<sup>12</sup>, R<sup>13</sup>, and R<sup>14</sup> are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, -C(=O)-R'', -S(=O)<sub>2</sub>R'', and combined, and a five or six membered heterocyclic ring containing at least one nitrogen;

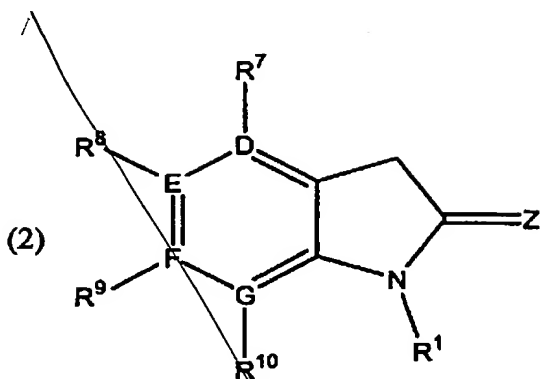
and the physiologically acceptable salts thereof

02 4. (Twice Amended) The compound or salt of claim 3 wherein R<sup>2</sup> is hydrogen.

03 13. (Twice Amended) The compound or salt of claim 12 wherein R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are independently selected from the groups consisting of hydrogen, alkyl, and -C(=O)O-R''.

04 41. (Four times Amended) A method for synthesizing a compound of claim 1 comprising the step of reacting a first reactant with a second reactant in a solvent and in the presence of a base at elevated temperatures, wherein said first reactant has the structure set forth in formula

2



wherein

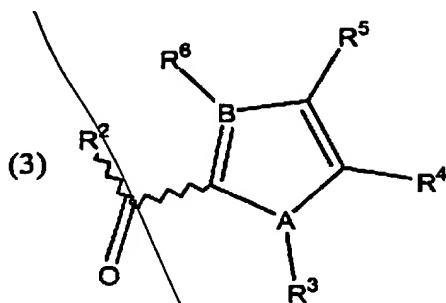
D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when D, E, F or G is nitrogen,  $R^7$ ,  $R^8$ ,  $R^9$  and  $R^{10}$ , respectively, do not exist and there is no bond;

$R^7$ ,  $R^8$ ,  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy,  $-S(=O)R''$ ,  $-S(=O)_2NR^{12}R^{13}$ ,  $R^{12}S(=O)_2NR^{13}-$ , trihalomethanesulfonyl,  $-C(=O)-R''$ ,  $R^{12}C(=O)NR^{13}-$ ,  $-C(=O)O-R''$ ,  $R''C(=O)O-$ ,  $-S(=O)_2R''$ ,  $-C(=O)NR^{12}R^{13}$ , cyano, nitro, halo,  $-OC(=O)NR^{12}R^{13}$ ,  $R^{12}OC(=O)NR^{13}-$ ,  $-OC(=S)NR^{12}R^{13}$ ,  $R^{12}OC(=S)NR^{13}-$ ,  $R^{12}R^{13}NC(=N)-$ ,  $-R^{12}NC(=N)NR^{13}R^{14}$ ,  $-NR^{12}C(=O)NR^{13}R^{14}$ , amino, and  $-NR^{12}R^{13}$ ;

Z is selected from the group consisting of oxygen, sulfur and  $NR^{11}$  wherein,  $R^{11}$  is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy,  $-C(=O)-R''$ , trihalomethanesulfonyl  $-C(=O)O-R''$ ,  $R''C(=O)O-$ ,  $-S(=O)_2R''$ ,  $-C(=O)NR^{12}R^{13}$ , and  $R^{12}R^{13}NC(=N)-$ ;

$R^1$  is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, and trihalomethanesulfonyl  $-C(=O)O-R''$ ,  $R''C(=O)O-$ ,  $-S(=O)_2R''$ ,  $-C(=O)NR^{12}R^{13}$ , and  $R^{12}R^{13}NC(=N)-$ ;

and wherein said second reactant is an acyl compound having the structure set forth in formula 3



wherein

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R<sup>3</sup> does not exist and there is no bond;

B is selected from the group consisting of carbon and nitrogen and it is understood that when B is nitrogen, R<sup>6</sup> does not exist and there is no bond;

R<sup>2</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen;

when A is nitrogen, R<sup>3</sup> is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, -C(=O)-R'', -C(=O)O-R'', R''C(=O)O-, -S(=O)<sub>2</sub>R'', -C(=O)NR<sup>12</sup>R<sup>13</sup>, and R<sup>12</sup>R<sup>13</sup>NC(=N)-, and trihalomethanesulfonyl; and

R<sup>4</sup>, R<sup>5</sup>, and R<sup>6</sup> are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, -S(=O)R'', -S(=O)<sub>2</sub>NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>S(=O)<sub>2</sub>NR<sup>13</sup>-, trihalomethanesulfonyl, -C(=O)-R'', -S(=O)<sub>2</sub>-R'', R<sup>12</sup>C(=O)NR<sup>13</sup>-, cyano, nitro, halo, -OC(=O)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>OC(=O)NR<sup>13</sup>-, -OC(=S)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>OC(=S)NR<sup>13</sup>-, -C(=O)O-R'', R''C(=O)O-, -S(=O)<sub>2</sub>R'' -C(=O)NR<sup>12</sup>R<sup>13</sup>, R<sup>12</sup>R<sup>13</sup>NC(=N)-, -R<sup>12</sup>NC(=N)NR<sup>13</sup>R<sup>14</sup>, -NR<sup>12</sup>C(=O)R<sup>13</sup>R<sup>14</sup>, amino and -NR<sup>12</sup>R<sup>13</sup>;

wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon);

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and wherein R<sup>12</sup>, R<sup>13</sup>, and R<sup>14</sup> are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, -C(=O)-R'', -S(=O)<sub>2</sub>R'', and, combined, a five- or six-member heteroalicyclic ring containing at least one nitrogen.

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47. (New) A compound selected from the group consisting of:

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3-(thien-2-methylidenyl)-4-aza-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-4-aza-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(pyrrol-2-methylidenyl)-4-aza-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-4-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-4-aza-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-4-aza-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-4-aza-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-4-aza-2-indolinone,

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3-(2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(pyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-5-methyl-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,

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3-(2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone,  
3-(thien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(pyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-5-nitro-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,

3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,  
3-(thien-2-methylidenyl)-6-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-6-aza-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(pyrrol-2-methylidenyl)-6-aza-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-6-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-6-aza-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-6-aza-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-6-aza-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,



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3-(4-methylmercaptothien-2-methylidenyl)-6-aza-2-indolinone,  
3-[2-(trifluoro-1-(thien-2-yl)ethylidenyl)]-6-aza-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-6-aza-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-6-aza-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,  
3-(thien-2-methylidenyl)-5-aza-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-5-aza-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(pyrrol-2-methylidenyl)-5-aza-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-5-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-5-aza-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-5-aza-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,

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~~3-(3,4-dimethylpyrrol-2-methylidenyl)-5-aza-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-5-aza-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-aza-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,  
3-[4-(4-)-1-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-aza-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-aza-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone,  
3-(thien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(pyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,~~

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3-(2-nitrothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(thien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,

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~~3-(2-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-amino-7-aza-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-n-butylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone,~~

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3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,  
3-(thien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(1-methylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(pyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(4-methylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone,  
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-methylmercaptothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2,3-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-chlorothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2,4-dimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-nitrothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(3-bromothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(3,4-dimethylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-ethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2,4-diethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(4-methylmercaptothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-acetamido-7-aza-2-indolinone,  
3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2,4-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-ethyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,

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3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone,  
3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone  
3-(2-phenylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-phenylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-6-aza-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-5-aza-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-4-aza-2-indolinone,  
3-(3-phenoxythien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-2-indolinone,  
3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-2-indolinone,  
3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,

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~~3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,  
3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(2-benzyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-4-aza-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-6-aza-2-indolinone,  
3-(4-phenylethynylthien-2-methylidenyl)-5-aza-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-6-aza-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-5-aza-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,  
3-(2-phenylethynylthien-5-methylidenyl)-4-aza-2-indolinone,~~

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3-(2-phenylethynylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, and

3-(2-phenylthien-5-methylidenyl)-4-aza-2-indolinone.

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